

Algebra I
Britton/Arot
Chapter 3

Name: _____

Date: _____

Word Problems Worksheet

1. The range of a set of scores is 28. If the highest score is 47, what is the lowest score?

2. The first and second-string running backs on a football team ran for a total of 94 yards. If the first-string running back ran 89 yards, how many yards did the second-string run?

3. A 10-foot board sells for \$3.70. What is the cost per foot?

4. If one roll of masking tape costs \$1.15, how many rolls can Chad buy with \$5.75?

5. Haley bought 6 glasses and 6 mugs. Haley knows that she was charged \$3.99 for each mug and that the total bill before tax was \$65.88. Determine how much Haley was charged for each glass.

6. The \$347 selling price for a stereo is \$35 more than 3 times the wholesale cost. Determine the wholesale cost.
7. An online music club sells compact discs for \$15.95 each plus \$2.95 shipping and handling per order. If Kara's total bill is \$98.65, determine the number of compact discs Kara purchased.
8. Hannah wants to hire a painter to paint her house. Painters Plus charges \$360 plus \$12 per hour. Davis & Sons charges \$279 plus \$15 per hour. Determine the number of hours for which the two costs would be the same.
9. In the last student council elections, Jill got x number of votes. Morgan got twice as many votes as Jill. Trish won the election with 7 more votes than Morgan. If 327 students voted in the election, determine how many votes each candidate got.
10. A long-distance phone company charges \$4.99 per month plus \$.10 per minute. Determine how many minutes were used in a month if the monthly bill is \$16.99.